

## Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-023

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8/8/07	8/8/08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
24556	ESD system	43102	323016	3-11-08	8-13-08	JPL
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	103/123-50nd st.	Yolanda W.	N	N	N	N/A

VERIFICATION DATA					
HBM Sensitivity Level: <u>50 ✓</u> (from Table 1)					
Fan controller setting: <u>High</u> (High, Low, NA)					
Distance of ionizer from the charge plate: <u>24"</u>					
Ionizer Float Potential Tolerance $\pm$ <u>50</u> Vdc. (from Table 1)					
Measured Float Potential values recorded below.					
1	2	3	4	5	Comments:
0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	
Ionizer Discharge Voltage Range: $\pm$ 1000 Vdc to $\pm$ <u>50</u> Vdc (from Table 1)					
Ionizer Discharge Time Tolerance: <u>620</u> seconds. (from Table 1)					
Measured Discharge Time in second(s) and recorded values below.					
1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
3.3 sec	3.2 sec	3.6 sec	3.3 sec	3.2 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
5.0 sec	4.6 sec	4.9 sec	4.6 sec	4.8 sec	

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Sequence number for verification of replacement ionizer: \_\_\_\_\_

**Record** inspection schedule and rational for that schedule.